

Route 147—Huguenot Bridge
Project 0147-043-103,B602
Overhead Bridge Replacement
Over CSXT Inc. Right of Way and Track
Milepost CAB-7.36, DOT 224-461E
C&O Division, Rivanna Sub
Westham, Henrico County, VA

Route 147—Huguenot Bridge
Project 0147-043-103,B602
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Over CSXT Inc. Right of Way and Track
Milepost CAB-7.36, DOT 224-461E
C&O Division, Rivanna Sub
Westham, Henrico County, VA

THIS AGREEMENT, made and executed in duplicate as of the
7th day of JUNE 2010, between the
COMMONWEALTH OF VIRGINIA, acting by and through the Chief Engineer of the
Department of Transportation, hereinafter called "State", and CSX TRANSPORTATION,
INC., a Virginia corporation, hereinafter called "Railway".

WITNESSETH THAT:

WHEREAS, State proposes to replace and widen the existing bridge and approach
roadways that carry Route 147 (DOT 224-461E) in Henrico County, Virginia, over
Railway's main line right of way and tracks located at approximate Railway Milepost CAB-
7.36; and

WHEREAS, Title I, United States Code "Transportation Equity Act for the 21st
Century" including amendments and revisions thereof has become effective in providing
part of the funds for the construction of the Project such as contemplated herein; and

WHEREAS, it is desired by the parties hereto to carry out and accomplish the
demolition and removal of the existing Route 147 (DOT 224-461E) bridge at approximate
Railway Milepost CAB-7.36, and the construction of a new bridge, drainage and approach
roadways to carry Route 147 (DOT 224-461E) over and across Railway's main line right
of way and track at approximate Railway Milepost CAB-7.36, the approaches thereto, the
work appurtenant thereto and to determine and agree upon the manner of performing said
work; the portion of it to be done by each of the parties hereto; the proportion of costs and
expenses to be paid by each of said parties; and the mode and time of reimbursing

Railway for the portion of work to be performed by it, all upon the terms, covenants and provisions hereinafter set forth.

NOW, THEREFORE, for and in consideration of the mutual covenants hereinafter stipulated to be kept and performed, it is agreed between the parties hereto as follows:

§ 1. The plans and specifications for this Project are identified as follows:

- A. Commonwealth of Virginia, Department of Transportation plans for the Route 147 overpass replacement said Project 0147-043-103,B602 and the current road and bridge specifications and special provisions of the Department of Transportation.
- B. Before this Agreement shall be in force and effect, the foregoing plans shall meet the approval in writing by the parties hereto and upon such approval shall become a part of this Agreement by reference.

§ 2. The work to be done under this Agreement consists of the demolition, removal and disposal of the existing Route 147 (DOT 224-461E) bridge deck, superstructure, substructure, and appurtenances over Railway's right of way and track at approximate Railway Milepost CAB-7.36, the construction of a new highway bridge deck, superstructure, substructure, drainage and approach roadways to carry Route 147 (DOT 224-461E) over and across Railway's right of way and tracks at approximate Railway Milepost CAB-7.36, the approaches thereto, the work appurtenant thereto, the acquisition of rights of way therefore and the adjustments to Railway's facilities required thereby. The work herein described is hereinafter referred to as the "Project" and the costs and expenses in connection with said work are hereinafter referred to as "Project Expense." all as shown on said plans, the work appurtenant thereto, the acquisition of rights of way therefore and the adjustments to Railway's facilities required thereby. The work herein described is

hereinafter referred to as the "Project" and the costs and expenses in connection with said work are hereinafter referred to as "Project Expense."

§ 3. Responsibility for the several necessary items of work shall be as follows:

- A. State shall perform or cause to be performed at Project Expense the following work:
- (1) Dismantle, remove and dispose of the existing bridge deck, superstructure, substructure and appurtenances on the highway overpass of Route 147 (DOT 224-461E) as it crosses Railway right of way and track at approximate Railway Milepost CAB-7.36, as shown on the plans described in § 1 hereof, all salvageable material from the removal of said overpass shall become the property of the State or State's contractor.
 - (2) Construction and placement of new bridge deck, superstructure, substructure, drainage and approach roadways for the new bridge carrying Route 147 (DOT 224-461E) over and across the Railways main line right of way and tracks at approximate Railway Milepost CAB-7.36, as shown on the plans described in § 1.
 - (3) Temporary falsework, sheeting, shoring and cribbing necessary for the replacement for said Route 147 (DOT 224-461E) bridge and for the maintenance of Railway's traffic during construction at approximate Railway Milepost CAB-7.36.
 - (4) Grading, drainage, pavement and materials to construct access roadways for construction access for said work, removal of same upon completion of said work and for restoring disturbed areas to the preconstruction conditions to the satisfaction of Railway's

officials and designated representative for said Route 147 (DOT 224-461E) bridge at approximate Railway Milepost CAB-7.36.

- (5) The necessary precautions to prevent slope erosion beneath the bridge and to minimize silt fouling Railway's roadbed and ditches.

B. Railway shall perform or cause to be performed at Project Expense the following work:

- (1) Temporary or permanent changes in Railway's communication and signal lines and facilities, as may be appropriate.
- (2) Furnish such flagman and watchman service as may be necessary in connection with work performed by Railway's forces and the State or State's agents or contractors.
- (3) Furnish and install a temporary grade crossing at the approximate location shown on the plans described in § 1 as necessary, subject to approval by Railway, to facilitate project construction and remove same upon completion of the work for which the temporary crossing is required.
- (4) Furnish such engineering and plans as may be necessary in connection with work to be performed by Railway's forces.
- (5) Furnish an estimate for the aforementioned work, said estimate in the amount of \$ 759,604 shall meet the approval of State and upon such approval shall become a part of this Agreement, attached hereto.

C. Public utilities including water, power, telephone, light, gas or sewer lines or any other utilities conflicting with the construction of this Project shall be removed, replaced, or relocated at no expense to Railway.

§ 4. Any work necessary in connection with the Project, which is not specifically provided for in § 3, or its subsections, shall be done at Project Expense by one of the parties hereto as may be mutually agreed upon by said parties. All work shall be done in accordance with the plans and specifications referred to in § 1 hereof, together with such other plans and specifications that may be agreed upon by the said parties to carry out the work fully in accordance with the intent of this Agreement and in accordance with good engineering practices. If the parties are unable to agree, the issue or issues will be resolved in accordance with the applicable laws of the United States and the Commonwealth of Virginia.

§ 5. The following temporary construction clearances will be permitted by Railway.

Horizontal – 15.0 feet measured at right angles from the centerline of the nearest track.

Vertical – 23.0 feet measured above the top of the highest rail of Railway's track.

Should temporary clearances less than those specified herein be required during construction, the State and its contractor shall notify Railway's designated representative, a minimum of 72 hours in advance of same, providing him with details for the work which will require such reduced clearances, and State and its contractors shall abide by his instructions for performance of such work. It is understood and agreed that nothing herein contained shall be construed as granting to State or its contractor authority for clearances contrary to any applicable law or regulation.

§ 6. State shall have general charge of engineering on the Project, however Railway shall provide, at Project Expense, such engineering services as may be necessary in connection with the work to be performed by Railway. Railway may also

provide, at Project Expense, an inspector to protect its interest in the work to be done on Railway's property and/or facilities by State's forces or contractor.

§ 7. The State shall have charge of the acquisition of all property or property rights required for the Project, whether purchased, appropriated or otherwise, and the cost shall be charged to Project Expense. If any additional rights of way are required outside of Railway's property, State shall acquire same at Project Expense.

A. Railway, without prejudice to any of their existing rights, insofar as they have the right to do so and subject to provisions of § 9 hereof, hereby grants to State for a period of twenty-four (24) months from the date of this Agreement:

- (1) A temporary nonexclusive right of entry through, on, over, and upon those parcels of Railway as shown on State's plans for the construction of the highway facilities and appurtenances.
- (2) Necessary temporary nonexclusive rights of ingress to and egress from land upon which the aforesaid right of entry is granted, on adjoining lands of Railway, excluding, however, grade crossings, provided such right of ingress and egress shall be exercised along such routes and upon such terms as may be defined and imposed by the Railway's designated representative.
- (3) Temporary construction easements as are designated on State's right of way plats for the purpose of the aforesaid described construction.

B. The grants hereinabove set forth are subject to and subordinate to:

- (1) Railway approval of State's project construction plans and State's right of way plats prior to State's entry and possession.

- (2) The safe and continued operations of Railway.
- (3) The continued and faithful performance by State and its contractors of all terms, covenants and provisions herein contained.

C. Railway, insofar as they have the legal right to do so and as their title permits, shall convey or cause to be conveyed to State, by separate deed, permanent easements for highway purposes to certain parcels of land, and grant nonexclusive easements over other parcels of land for the aforesaid project, either wholly or partly on Railway's property, as shown on State's project plans and State's right of way plats; said permanent easements and/or nonexclusive easement parcels to be identified hereto by prior mutual agreement between the parties and distinguished as permanent easements and nonexclusive easement parcels on State's right of way plats. State shall furnish to and for Railway review and approval, descriptions of said parcels. The price to be paid by State to Railway for said parcels, representing the fair market value thereof, plus damages, if any, to the residue, less any special benefits accruing to Railway, plus the fair market value of said temporary construction easements granted in §7.A herein, shall be as mutually agreed upon prior to expiration of the aforesaid twenty-four (24) month period. If agreement as to price is reached, an additional period of ninety (90) days shall be allowed for settlement. However, if no agreement as to price is reached with the aforesaid twenty-four (24) month period, State, within ninety (90) days after expiration of said term, shall institute eminent domain proceedings as authorized by law, for determination of the value of same. The rights of occupation granted in § 7.B of this Agreement shall continue through institution of such eminent domain proceeding to settlement. The provisions of the agreement shall

survive the institution of such eminent domain proceedings. The date of execution of this Agreement shall be construed as establishing the date of valuation. Taxes and assessments will also be adjusted as of the date of take. Interest at statutory rate shall also accrue on final award over and above the amount of the certificate on record.

- D. Such easement hereby granted is limited to the use for highway purposes of space required for said bridge and for piers, foundations and other parts of the bridge, together with the use of reasonable additional space for construction and for access to the highway facilities for maintenance purposes; it being understood that the easement shall not restrict the Railway from utilizing the airspace under said bridge for railroad operations and for wire lines or other facilities which will not encroach on the reasonable requirements for maintaining the highway facilities. All other rights are reserved unto the Railway.
- E. State, in its maintenance of the highway facilities, agrees to obtain written permission from the Railway before undertaking any work which may interfere with or be a real or potential hazard to passage of trains or other railroad operations and agrees to bear all expense for flagman or watchman services which the Railway may deem necessary because of its operations.
- F. Railway agrees to notify the State prior to undertaking the use of airspace over the easement and prior to starting the construction of any fixed installation, other than its customary signal and communication facilities, within 8 feet of the underside of said bridge or within 15 feet of said easement, it being understood that such use will afford reasonable protection and safety to the highway facilities and highway traffic, and will

not unreasonably interfere with maintenance of the highway facilities.

Legal title and ownership in any structure included in this Project erected by State on this easement is in State.

- G. (1) With respect to those parcels identified and distinguished in said deed as Nonexclusive Easement parcels (surface or grade crossing easements), Railway shall EXCEPT and RESERVE unto itself, its successors, assigns and licenses, all rights (including but not limited to those which it now deems, or from time to time may deem, desirable or necessary for its operations or the operations of its successors, assigns and licensees as they now are or may lawfully be engaged in from time to time) to construct, reconstruct, relocate, operate, use, maintain, repair, renew and remove such of its rail facilities as now are, or such additional facilities as Railway or its successors, assigns, and licensees may deem desirable or necessary to be located in, upon, over, under or across the premises aforesaid, so long as such reserved rights do not interfere with Grantee's use of the premises for the purpose(s) expressed herein.
- (2) Said deed shall further provide that said highway structures on Railway property shall be maintained, repaired, renewed, reconstructed and/or removed in accordance with the provisions contained in this Agreement, and the plans for said Project, which Agreement and plans are to be on file in the respective offices of the parties hereto, and which shall survive the delivery of said deed.

- H. All rights herein granted by Railway to State shall not be construed in any way whatsoever as being for the benefit of State or State's contractor or any others not a party to this Agreement.

§ 8. State shall require its contractor:

- A. To use all reasonable care and diligence in the performance of the work and cooperate fully with Railway's officials and designated representative in order to avoid accidents, damage or delay to or interference with trains on Railway's tracks.
- B. To consult with Railway's designated representative before beginning any work on Railway's right of way and abide by his instructions insofar as the safety of Railway operations is concerned.
- C. Not to perform any work over or within, or to place or permit the placing of any machinery, equipment, material or other debris within 15.0 feet from the centerline of Railway's track, without obtaining prior authority therefor from Railway's designated representative.
- D. Before commencing work on Railway's property, submit to State for obtaining approval of Railway, his design and method for performing any work on Railway's right of way, including plans and specifications for shoring and sheeting for excavations adjacent to the tracks. State to review said submittals and if found in substantial conformance with provisions of his contract with the State, shall forward same to Railway for review and approval. It is understood and agreed to by the parties hereto that approval of said designs and methods by Railway shall not in any way relieve the State or its contractor of any obligations, responsibilities and liabilities imposed upon them by the provisions of this Agreement.

- E. To notify Railway's designated representative in writing of the need for flagman or watchman services as determined by the Railway, such notice shall be received by the appropriate Railway official a minimum of 30 days in advance of this need.
 - F. To notify Railway's designated representative in writing when, such flagman or watchman services shall be terminated subject to Railway's concurrence.
 - G. To reimburse Railway for actual loss and expense incurred or suffered by Railway by reason of any substandard clearances erected on this Project by the contractor.
 - H. To reimburse Railway for actual loss and expense incurred or suffered by Railway in the event Railway must detour trains by reason of contractor blocking Railway's tracks.
- § 9. State shall require its contractor, before commencing work of constructing said Project within Railway's right of way, to furnish evidence acceptable to Railway that the contractor has obtained the insurance policies set forth on Exhibit A attached hereto, in addition to worker's compensation coverage as required by the Statutes of Virginia, automobile liability insurance, and Contractor's Public Liability and Property Damage Insurance generally required of its contractor by State on such projects with limits of liability as set forth in the Contractor Proposal.
- § 10. After completion of the work, said Route 147 (DOT 224-461E) over Railway's right of way and track at approximate Railway Milepost CAB-7.36, including highway drainage and appurtenances, shall be maintained by the State as a part of the State's System of Primary Roads in accordance with §56-368.1 of the Code of Virginia (1950), as amended.

- § 11. In accordance with the Federal-Aid Policy Guide, Section 646.210, and revisions and supplements thereto, this project is not deemed to be of any benefit to Railway and therefore no participation shall be required of Railway to Project Expense. It is understood that the construction of the Project, as herein contemplated, is to be financed from funds provided by the Federal Government and State and expended under State and Federal regulations. All plans, specifications, estimates of costs, awards of contract, acceptance of work and procedures in general are subject at all times to Federal and State laws, rules and regulations, orders and approvals applicable to State projects of the character herein contemplated. All plans, specifications, estimates of costs, awards of contract, acceptance of work and procedures in general are subject at all times to State laws, rules and regulations, orders and approvals applicable to State projects of the character herein contemplated. Railway shall render its bills to State for actual costs and expenses incurred by it on account of the Project in accordance with State's standard accounting procedures (i.e., Federal Aid Policy Guide, Part 140, Subpart I, of the Federal Highway Administration and revisions and supplements thereto). Any items paid Railway throughout the progress of the Project by State and not found to be in accordance with said regulations by State in their final audit shall be promptly refunded State by Railway upon submission of the items so disapproved. The State shall not be liable for payment of any bill received more than 12 months after all work on the Project is completed and the Project has been accepted by the Railway and State, unless the Railway has requested an extension of the billing period in writing.
- § 12. This Agreement when properly executed shall be binding upon the parties hereto and their respective successors and assigns.

IN TESTIMONY WHEREOF, the parties hereto have caused this Agreement to be executed in duplicate, all as of the day, month and year herein above first written.

COMMONWEALTH OF VIRGINIA
Department of Transportation

By

Malcolm T. Kerley
Chief Engineer

WITNESS:

Judi Hegan

CSX TRANSPORTATION, INC.

By

Dale W. Ophardt
Dale W. Ophardt
Title: Assistant Vice President - Engineering

WITNESS:

B. P. B. H.

EXHIBIT A

INSURANCE REQUIREMENTS

I. Insurance Policies:

Company and Contractor, if and to the extent that either is performing work on or about CSXT's property, shall procure and maintain the following insurance policies:

1. Commercial General Liability coverage at their sole cost and expense with limits of not less than \$5,000,000 in combined single limits for bodily injury and/or property damage per occurrence, and such policies shall name CSXT as an additional named insured.
2. Statutory Worker's Compensation and Employers Liability Insurance with limits of not less than \$1,000,000, which insurance must contain a waiver of subrogation against CSXT and its affiliates.
3. Commercial automobile liability insurance with limits of not less than \$500,000 combined single limit for bodily injury and/or property damage per occurrence, and such policies shall name CSXT as an additional named insured.
4. Railroad protective liability insurance with limits of not less than \$5,000,000 combined single limit for bodily injury and/or property damage per occurrence and an aggregate annual limit of \$10,000,000, which insurance shall satisfy the following additional requirements:
 - a. The insurer must be financially stable and rated B+ or better in Best's Insurance Reports.
 - b. The Railroad Protective Insurance Policy must be on the ISO/RIMA Form of Railroad Protective Insurance - Insurance Services Office (ISO) Form CG 00 35.
 - c. CSX Transportation must be named as the named insured on the Railroad Protective Insurance Policy.
 - d. Name and Address of Contractor and Company must be shown on the Declarations page.
 - e. Description of operations must appear on the Declarations page and must match the Project description, including project or contract identification numbers.
 - f. Authorized endorsements must include the Pollution Exclusion Amendment - CG 28 31, unless using form CG 00 35 version 96 and later.
 - g. Authorized endorsements may include:
 - (i). Broad Form Nuclear Exclusion - IL 00 21
 - (ii) 30-day Advance Notice of Non-renewal or cancellation
 - (iii) Required State Cancellation Endorsement
 - (iv) Quick Reference or Index - CL/IL 240

EXHIBIT A

h. Authorized endorsements may not include:

- (i) A Pollution Exclusion Endorsement except CG 28 31
- (ii) A Punitive or Exemplary Damages Exclusion
- (iii) A "Common Policy Conditions" Endorsement
- (iv) Any endorsement that is not named in Section 4 (f) or (g) above.
- (v) Policies that contain any type of deductible

5. Such additional or different insurance as CSXT may require.

II. Additional Terms

1. Contractor must submit its original insurance policies and two copies and all notices and correspondence regarding the insurance policies to:

Donna W. Melton
Manager—Insurance
CSX Transportation, Inc.
500 Water Street - C907
Jacksonville, FL 32202
Phone: 904-359-1247
Fax: 904-245-2833

2. Neither Company nor Contractor may begin work on the Project until it has received CSXT's written approval of the required insurance policies.

**CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE**

Page 1

ACCT. CODE : 709 - VA0306

ESTIMATE SUBJECT TO REVISION AFTER:		11/9/2010	DOT NO.: 224 461 E
CITY: Westham	COUNTY: Henrico	STATE: VA	
DESCRIPTION: Replacement of the overhead bridge carrying Route 147 (Huguenot Road) over CSXT. Project includes temporary 24' timber at-grade crossing of 2 tracks adjacent to existing bridge.			
DIVISION: C&O Division (Huntington)	SUB-DIV: Rivanna	MILE POST: CAB-7.36	
AGENCY PROJECT NUMBER: 0147-043-103, C501, B602			

PRELIMINARY ENGINEERING:

200 Labor (Non Contract)	\$ 1,080
200 Additive 31.34%	\$ 338
230 Expenses	\$ 188
212 Contracted & Administrative Engineering Services	\$ 13,000
Subtotal	\$ 14,606

CONSTRUCTION ENGINEERING/INSPECTION:

200 Labor (Non Contract)	\$ 1,890
200 Additive 31.34%	\$ 592
230 Expenses	\$ 329
212 Contracted & Administrative Engineering Services	\$ 81,700
Subtotal	\$ 84,511

FLAGGING SERVICE: (Contract Labor)

070 Labor (Conductor-Flagman)	\$ -
050 Labor (Foreman/Inspector)	\$ 178,080
070 Additive 131.93% (Transportation Department)	\$ -
050 Additive 153.46% (Engineering Department)	\$ 273,282
230 Per Diem (Engineering Department)	\$ 39,750
230 Expenses	\$ -
Subtotal	\$ 491,112

<u>SIGNAL & COMMUNICATIONS WORK:</u>	(Details Attached)	\$ 3,855
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<u>TRACK WORK:</u>	(Details Attached)	\$ 74,631
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ACCOUNTING & BILLING:

040 Labor	\$ 8,400
040 Additive 159.92%	\$ 13,433
Subtotal	\$ 21,833

PROJECT SUBTOTAL

900 <u>CONTINGENCIES:</u>	10.00%	\$ 690,549
		\$ 69,055

GRAND TOTAL *****	\$ 759,604
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DIVISION OF COST:

Agency	100.00%	\$ 759,604
Railroad		\$ -
TOTAL *****		\$ 759,604

This estimate has been prepared based on site conditions, anticipated work duration periods, material prices, labor rates, manpower and resource availability, and other factors known as of the date prepared. The actual cost for CSXT work may differ based upon the agency's requirements, their contractor's work procedures, and/or other conditions that become apparent once construction commences or during the progress of the work

Office of Assistant Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by:

AECOM

Approved by:

CSXT Public Project Group

DATE: 5/13/2010

REVISED:

DATE:

Form Revised 03-02-2010-LLS

Project Summary Sheet

ACCT. CODE : 709 - VA0306
Pub EB - VA EB3 (VA)

ESTIMATE SUBJECT TO REVISION AFTER: 11/9/2010 **DOT NO.:** 224 461 E
CITY: Westham **COUNTY:** Henrico **STATE:** VA
DESCRIPTION: Replacement of the overhead bridge carrying Route 147 (Huguenot Road) over
CSXT. Project includes temporary 24' timber at-grade crossing of 2 tracks adjacent
DIVISION: C&O Division **SUB-DIV:** Rivanna **MILEPOST:** CAB-7.36
DRAWING NO.: — **DRAWING DATE:** —
AGENCY PROJECT NUMBER: 0147-043-103, C501, B602

SIGNAL WORK:

210 Material - Field & Consumables	\$ -
210 Material - Sales Tax	\$ -
220 Material - Shop	\$ -
60 Construction Labor	\$ 1,500
65 Shop Labor	\$ -
230 Per Diem	\$ -
200 RR Engineering,Preliminary	\$ -
200 RR Engineering,Construction	\$ -
60 Additives to Construction Labor	\$ 2,155
65 Additives to Shop Labor	\$ -
200 Additives to Engineering	\$ -
241 Equipment Expense	\$ 200
241 Waste Management	\$ -
212 Contract Engineering	\$ -
211 Freight	\$ -
216 AC Power Service	\$ -
228 Salvage	\$ -
900 Other	\$ -
Subtotal	\$ 3,855

**CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE**

Page 1

ACCT. CODE : 709 - VA0306

ESTIMATE VOID AFTER: 11/9/2010

DOT NO.: 224 461 E

CITY: Westham

COUNTY: Henrico

STATE: VA

DESCRIPTION: Replacement of the overhead bridge carrying Route 147 (Huguenot Road) over CSXT. Project includes temporary 24' timber at-grade crossing of 2 tracks adjacent to existing bridge.

DIVISION: C&O Division (Huntingt

SUB-DIV: Rivanna

MILE POST: CAB-7.36

AGENCY PROJECT NUMBER: 0147-043-103, C501, B602

TRACKWORK DETAILS:

TRACK: LABOR

Traffic Control	MAN-HRS	\$	24.00	\$	-
Remove Existing Crossing	MAN-HRS	\$	24.00	\$	-
Renew Cross Ties	MAN-HRS	\$	24.00	\$	-
Renew Rail	MAN-HRS	\$	24.00	\$	-
Install OTM	MAN-HRS	\$	24.00	\$	-
Install Field Welds	MAN-HRS	\$	24.00	\$	-
Install Geo-Textile Fabric	MAN-HRS	\$	24.00	\$	-
Install Sub-Drains	MAN-HRS	\$	24.00	\$	-
Install Ballast	MAN-HRS	\$	24.00	\$	-
Line and Surface	MAN-HRS	\$	24.00	\$	-
Install Temporary Crossing Materials	100 MAN-HRS	\$	24.00	\$	2,400
Remove Temporary Crossing	100 MAN-HRS	\$	24.00	\$	2,400
	MAN-HRS	\$	24.00	\$	-
	MAN-HRS	\$	24.00	\$	-
	MAN-HRS	\$	24.00	\$	-
Clean-Up	MAN-HRS	\$	24.00	\$	-
Additive 153.46%				\$	7,366
Per Diem	20 MAN-DAY	\$	90.00	\$	1,800
Subtotal				\$	13,966

TRACK: MATERIAL

Cross Ties, Main Line	EA	\$	39.00	\$	-
Cross tie - pre-plated	EA	\$	83.50	\$	-
Cross-tie - Borate	EA	\$	56.00	\$	-
Crossties, 10' Length	EA	\$	46.00	\$	-
Tie plates	EA	\$	10.51	\$	-
Rail, 136RE, New	LF	\$	21.00	\$	-
Misc. OTM	1 LOT	\$	2,500.00	\$	2,500
Geo-Textile Fabric	RL	\$	930.00	\$	-
Sub-Drains	LF	\$	6.00	\$	-
Ballast - Car load	NT	\$	12.00	\$	-
Ballast - Trucked in	NT	\$	45.00	\$	-
Field Welds	EA	\$	100.00	\$	-
		\$	-	\$	-
		\$	-	\$	-
Concrete Full Width	TF	\$	250.00	\$	-
Concrete/Rubber Xing (CSX)	TF	\$	200.00	\$	-
Rubber Crossing, Full Depth	TF	\$	325.00	\$	-
Timber/Asphalt Crossing (CSX Standard)	48 TF	\$	100.00	\$	4,800
Bituminous Material	NT	\$	-	\$	-
Sales Tax on Material		\$	-	\$	-
Material Handling 5%		\$	-	\$	365
Subtotal				\$	7,665

Trackwork Summary

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

Page 2

CONTRACT:

Asphalt Paving (In Place)	NT	\$	-	\$	-
Disposal of Waste Materials	TF	\$	15.00	\$	-
Maintenance of Traffic	DAY	\$	350.00	\$	-
Subtotal				\$	-

EQUIPMENT RENTAL:

Subtotal				\$	53,000
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WORK TRAIN:

	DAY		\$ 2,100.00	\$	-
Subtotal				\$	-

SALVAGE:

Rail	NT	\$	65.00	\$	-
OTM	NT	\$	75.00	\$	-
Subtotal				\$	-

TOTAL TRACKWORK:

\$ 74,631

Office of Assistant Chief Engineer Public Projects--Jacksonville, Florida

Estimated prepared by:

DATE: 5/13/2010

REVISED:

\$ -

CSX TRANSPORTATION, INC.
FORCE ACCOUNT ESTIMATE

Page 1 of 1

ACCT. CODE : 709 - VA0306
Pub EB - VA EB3 (VA)

ESTIMATE SUBJECT TO REVISION AFTER: 11/9/2010 **DOT NO.:** 224 461 E
CITY: Westham **COUNTY:** Henrico **STATE:** VA
DESCRIPTION: Replacement of the overhead bridge carrying Route 147 (Huguenot Road) over CSXT. Project inc
DIVISION: C&O **SUB-DIV:** Rivanna **MILEPOST:** CAB-7.36
DRAWING NO.: ____ **DRAWING DATE:** ____
AGENCY PROJECT NUMBER: 0147-043-103, C501, B602

EQUIPMENT RENTAL:

241	High Rail Vehicle	<u>530</u>	DAY	\$	100.00	\$	53,000
241	Boom Truck		DAY	\$	304.16	\$	-
241	Dump Truck		DAY	\$	283.04	\$	-
241	Backhoe		DAY	\$	141.84	\$	-
241	Compressor		DAY	\$	113.52	\$	-
241	Air Drill/Wrench		DAY	\$	11.52	\$	-
241	Tie Tamper (CAT)		DAY	\$	1,580.16	\$	-
241	Tie Tamper (Production)		DAY	\$	785.60	\$	-
241	Tie Tamper (Utility)		DAY	\$	785.60	\$	-
241	Ballast Regulator		DAY	\$	285.60	\$	-
241	Roller		DAY	\$	39.12	\$	-
241	Barricades		DAY	\$	-	\$	-
	Subtotal					\$	<u>53,000</u>

ESTIMATE SUBJECT TO REVISION AFTER: 11/9/10 **DOT NO.:** 224 461 E
CITY: Westham **COUNTY:** Henrico **STATE:** VA
DESCRIPTION: Replacement of the overhead bridge carrying Route 147 (Huguenot Road) over CSXT. Project includes t
DIVISION: C&O Division (Hur **SUB-DIV:** Rivanna **MILEPOST:** CAB-7.36
DRAWING NO.: **DRAWING DATE:**
AGENCY PROJECT NUMBER: 0147-043-103, C501, B602

Amount		
Task	Task Desc	Total
40	Labor General Office	\$21,833
50	Labor Roadway	\$463,528
60	Labor Signal	\$3,655
65	Labor Signal1	
70	Labor Transportation	
200	Labor NonContract	\$3,901
210	Invoice Material	\$5,165
	Material - Field & Consu	
211	Invoice Freight	
212	Invoice Contract Eng	\$94,700
215	Invoice Misc	
216	Invoice Utilities	
220	Material New	\$2,500
	Material - Shop	
228	Scrap Credit	
230	ExpenseRpts	\$42,067
241	Invoice Rental	\$53,200
900	Other	
900	Contingencies	\$69,055
	Material New	
Grand Total		\$759,604